

- **Model:** HXLBQ-DTA1173
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 2997.2MHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2997.2MHz
● Design Bandwidth	About: 4.2MHz
● Insertion Loss @ F0	≤5.0dB @ F0
● Return Loss @ F0	≥18dB @ F0
● Stop Band Rejection	≥60dB @ F0±20MHz (DC ~ 2977.2MHz , 3017.2MHz ~ 7000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Dimensions	140*38*18mm
● Net weight	TBD

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

